

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR WESTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH				
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE		
MID-1 AM	816	0.0	OFF	816	0	0.00	0	70.2	70.2	70.2	
1-2 AM	487	0.0	OFF	487	0	0.00	0	70.2	70.2	70.2	
2-3 AM	427	0.0	OFF	427	0	0.00	0	70.2	70.2	70.2	
3-4 AM	484	0.0	OFF	484	0	0.00	0	70.2	70.2	70.2	
4-5 AM	766	0.0	OFF	766	0	0.00	0	70.2	70.2	70.2	
5-6 AM	2080	0.0	OFF	2080	0	0.00	0	69.4	69.4	69.4	
6-7 AM	4074	0.0	OFF	4074	0	0.00	0	64.3	64.3	64.3	
7-8 AM	4645	0.0	OFF	4645	0	0.00	0	60.4	60.4	60.4	
8-9 AM	3875	0.0	OFF	3875	0	0.00	0	65.7	65.7	65.7	
9-10 AM	3311	0.0	OFF	3311	0	0.00	0	67.9	67.9	67.9	
10-11 AM	3388	0.0	2999	3388	0	3.31	188	67.8	16.2	36.9	
11AM-NOON	3468	0.0	3000	3468	0	11.51+	621	67.8	9.2	36.9	
NOON-1PM	3382	0.0	2999	3025	356	16.79+	902	67.8	8.3	36.9	
1-2 PM	3324	0.0	3000	3012	312	16.78+	902	67.9	8.3	36.9	
2-3 PM	3880	0.0	3000	3010	870	16.82+	908	65.6	8.3	36.9	
3-4 PM	4166	0.0	OFF	4166	0	2.32	221	63.7	18.4	18.4	
4-5 PM	4037	0.0	OFF	4037	0	0.00	0	64.6	64.6	64.6	
5-6 PM	3785	0.0	OFF	3785	0	0.00	0	66.3	66.3	66.3	
6-7 PM	3126	0.0	OFF	3126	0	0.00	0	68.1	68.1	68.1	
7-8 PM	2486	0.0	OFF	2486	0	0.00	0	68.9	68.9	68.9	
8-9 PM	2075	0.0	OFF	2075	0	0.00	0	69.4	69.4	69.4	
9-10 PM	2033	0.0	OFF	2033	0	0.00	0	69.5	69.5	69.5	
10-11 PM	1692	0.0	OFF	1692	0	0.00	0	69.9	69.9	69.9	
11PM-MID	1291	0.0	OFF	1291	0	0.00	0	70.2	70.2	70.2	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

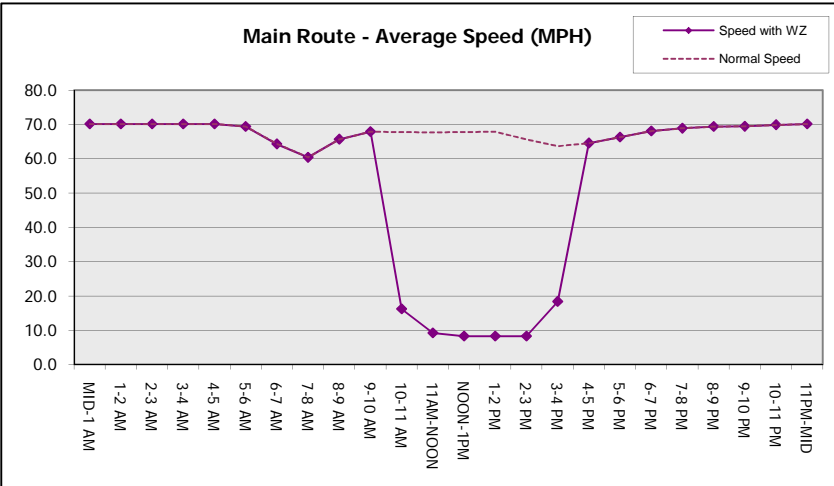
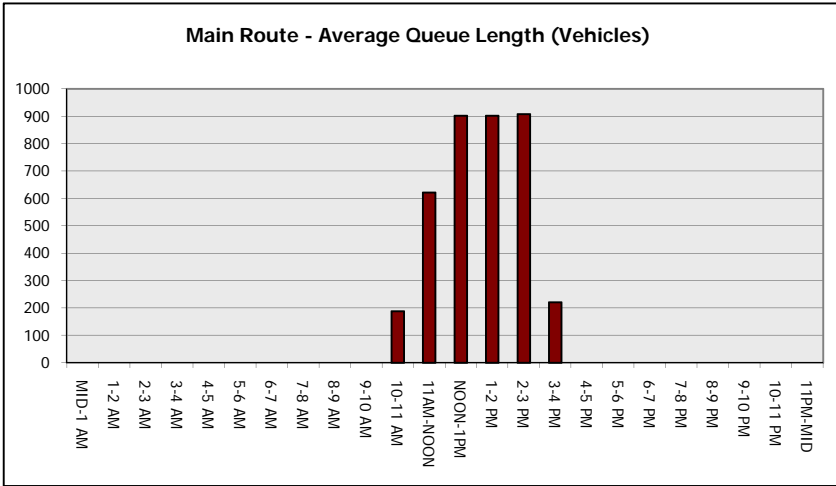
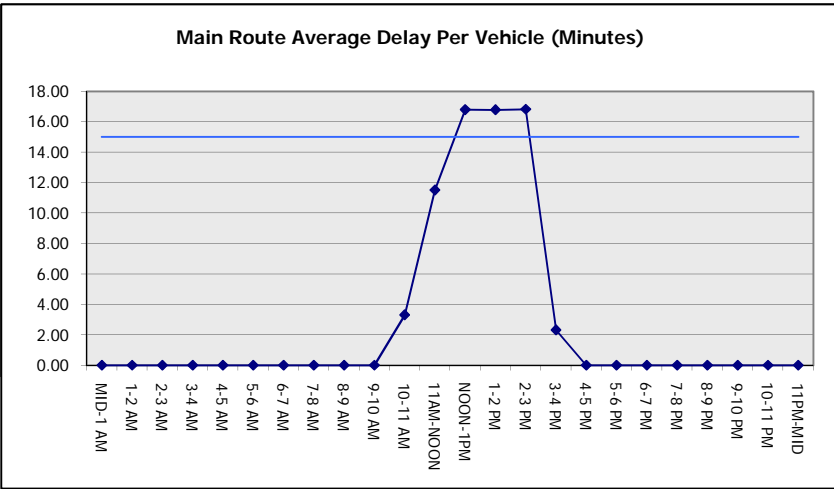
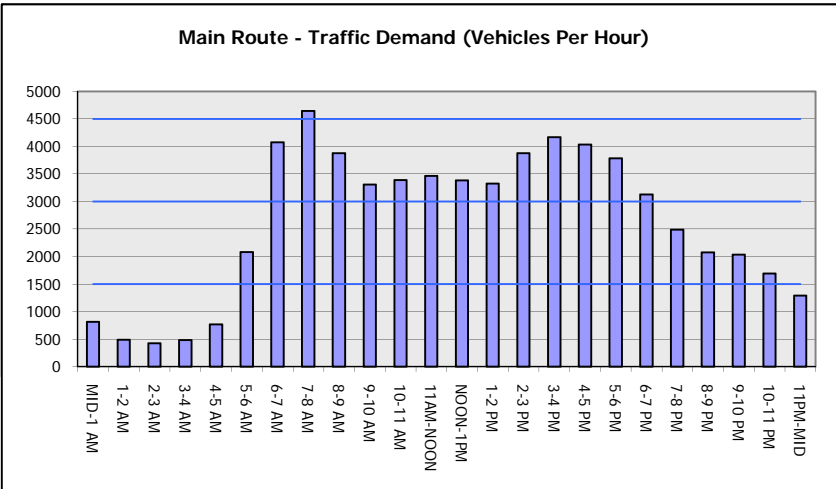
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0100
MAIN ROUTE WITH WORKS	0.0081
'DIVERSION'	0.0006
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$48,278
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH			
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	727	0.0	OFF	727	0	0.00	0	70.2	70.2	70.2
1-2 AM	479	0.0	OFF	479	0	0.00	0	70.2	70.2	70.2
2-3 AM	446	0.0	OFF	446	0	0.00	0	70.2	70.2	70.2
3-4 AM	537	0.0	OFF	537	0	0.00	0	70.2	70.2	70.2
4-5 AM	1132	0.0	OFF	1132	0	0.00	0	70.2	70.2	70.2
5-6 AM	2459	0.0	OFF	2459	0	0.00	0	69.0	69.0	69.0
6-7 AM	3516	0.0	OFF	3516	0	0.00	0	67.7	67.7	67.7
7-8 AM	3612	0.0	OFF	3612	0	0.00	0	67.5	67.5	67.5
8-9 AM	3323	0.0	OFF	3323	0	0.00	0	67.9	67.9	67.9
9-10 AM	3221	0.0	OFF	3221	0	0.00	0	68.1	68.1	68.1
10-11 AM	3033	0.0	2999	3033	0	0.67	16	68.2	38.6	36.9
11AM-NOON	3213	0.0	3000	3213	0	2.43	125	68.1	18.9	36.9
NOON-1PM	3449	0.0	3000	3449	0	8.54	461	67.8	10.2	36.9
1-2 PM	3473	0.0	2999	3196	277	15.75+	847	67.8	8.4	36.9
2-3 PM	4200	0.0	3000	3052	1148	16.99+	923	63.5	8.2	36.9
3-4 PM	4583	0.0	OFF	4583	0	3.25	313	60.9	14.2	14.2
4-5 PM	4997	0.0	OFF	4997	0	0.00	0	58.0	58.0	58.0
5-6 PM	4961	0.0	OFF	4961	0	0.00	0	58.2	58.2	58.2
6-7 PM	3799	0.0	OFF	3799	0	0.00	0	66.2	66.2	66.2
7-8 PM	2747	0.0	OFF	2747	0	0.00	0	68.6	68.6	68.6
8-9 PM	2358	0.0	OFF	2358	0	0.00	0	69.1	69.1	69.1
9-10 PM	2197	0.0	OFF	2197	0	0.00	0	69.3	69.3	69.3
10-11 PM	1803	0.0	OFF	1803	0	0.00	0	69.8	69.8	69.8
11PM-MID	1263	0.0	OFF	1263	0	0.00	0	70.2	70.2	70.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0104
MAIN ROUTE WITH WORKS	0.0085
'DIVERSION'	0.0005

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$36,468
CONGESTED HOURS PER DAY*	2

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

